



PTO/SB/08a/b (08-03)

Approved for use through 07/31/2008. OMB 0651-0031

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Substitute for form 1449A/B/PTO			<b>Complete If Known</b>		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)			Application Number	10/824793	
			Filing Date	April 14, 2004	
			First Named Inventor	James J. Modliszewski	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	2	Attorney Docket Number	10884-00018-US

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (# known)			
du/c		3,962,482	6/8/1976	Uniroyal, Ltd.	
du/c		3,956,173	5/11/1976	Hercules Incorporated	
du/c		4,443,486	4/17/1984	FMC Corporation	
du/c		4,096,327	6/20/1978	FMC Corporation	
du/c		5,002,934	3/26/1991	Norton et al	
du/c		5,051,304	9/24/1991	Societe Anonyme	
du/c		5,264,223	11/23/1993	Japan Elanco Company, Ltd.	
du/c		5,614,217	3/25/1997	R.P. Scherer Corporation	
du/c		5,342,626	8/30/1994	Merck & Co., Inc.	
du/c		5,431,917	7/11/1995	Japan Elanco Company, Ltd.	
du/c		5,756,123	5/26/1998	Japan Elanco Co., Ltd.	
du/c		5,820,757	4/15/1997	Mitsubishi Rayon Co., Ltd.	
du/c		5,342,626	8/30/1994	Merck & Co., Inc.	
du/c		5,089,307	2/18/1992	Mitsubishi Rayon Co., Ltd.	
du/c		5,569,466	10/29/1996	R. P. Scherer Corporation	
du/c		5,820,259	10/13/1998	Q-Jet DSI, Inc.	
du/c		6,375,981	4/23/2002	A. E. Staley Manufacturing Co.	
du/c		6,099,876	8/8/2000	Yissum Research Development Co. of the Hebrew University	
du/c		6,214,376	4/10/2001	Banner Pharmacaps, Inc.	
du/c		6,326,028	12/4/2001	Monsanto Company	
du/c		6,331,205	12/18/2001	Laurence Paris	
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du/c		2003/0084641	5/8/2003	Tanner et al	
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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	†
		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (# known)				
du/c		JP 3-53873	1991	Kotobuki Academy		X
du/c		JP 3-12231	1991	Kotobuki Academy		X
du/c		JP 62-186754	1987	Unicolloid Inc.		X
		JP 60-55039	1985			
du/c		JP 63-164858	1988	Unicolloid Co. Ltd.		X
du/c		WO 00/36930	06/29/2000	The Monsanto Company		
du/c		WO 01/92401	12/6/2001	A.E. Staley Manufacturing Co.		
du/c		WO 01/92400	12/6/2001	A.E. Staley Manufacturing Co.		
du/c		WO 03/009832	2/6/2003	R.P. Scherer Holdings Pty Ltd		

Examiner Signature	<i>E. M. White</i>	Date Considered	2/24/06
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
<i>W</i>		Eleya, et al., "Rheology of k-carrageenan and B-lactoglobulin mixed gels", Food Hydrocolloids, vol. 14, pages 29-40, 2000.	
<i>W</i>		Falshaw et al., "Structure and performance of commercial kappa-2 carrageenan extracts I. Structure analysis", Food Hydrocolloids, vol. 15, pages 441-452; 2001.	
<i>W</i>		Villanueva et al., "Structure and functional performance of gartinacean kappa-iota hybrid carrageenan and solieriacean kappa-iota carrageenan blends", Food Hydrocolloids. Vol. 18, pages 283-292; 2004.	
<i>W</i>		Bixler et al., "Kappa-2 carrageenan: structure and performance of commercial extracts II. Performance in two simulated dairy application", Food Hydrocolloids, vol. 15, pages 619-630; 2001.	
<i>W</i>		van de Velde et al., "On the structure of k/i-hybrid carrageenans", Carbohydrate Research, vol. 331, pages 271-283, 2001.	
<i>W</i>		Gums and Stabilisers for the Food Industry; "Liquid Core Hydrocolloid-Oil Capsules"; pages 324-332. <i>Nussinovitch et al</i>	

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Examiner Signature	<i>E. White</i>	Date Considered	2/24/2006
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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
		JP 60-55039	03-29-1985	Mitsubishi Acetate Co., Ltd.		X

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Examiner Signature	<i>E. Monte</i>	Date Considered	2/24/2006
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				Art Unit	N/A
				Examiner Name	Not Yet Assigned
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		Number-Kind Code <sup>2</sup> (if known)			
<i>AM</i>	AA*	US-2005/0037064	02-17-2005	Basquin et al.	
<i>AM</i>	AB	US 6,340,473	01-22-2002	Tanner et al.	
<i>AM</i>	AC	US 6,582,727	06-24-2003	Tanner et al.	

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
<i>AM</i>	BA	JP-01-143827	06-06-1989	Fuji Capsule K.K.		
<i>AM</i>	BB	JP-05-43471	02-23-1993	Alfa Wasserman Spa		
<i>AM</i>	BC	JP-09-25228	01-28-1997	Eisai Co., Ltd.		
<i>AM</i>	BD	JP-2001-39863	02-13-2001	Fuji Oil Co., Ltd.		
<i>AM</i>	BE	JP-2003-299714	10-21-2003	Fuji Capsule KK		
<i>AM</i>	BF	JP-2003-504326	02-04-2003	R. P. Scherer Technologies, Inc.		See BK
<i>AM</i>	BG	JP-2004-167084	06-17-2004	Ina Food KK		
<i>AM</i>	BH	JP-2005-112849	04-28-2005	Fuji Capsule KK		
<i>AM</i>	BI	JP-2005-508359	03-31-2005	Innogen AG		
<i>AM</i>	BJ	JP-2005-519255	05-12-2005	Ulice and Pierre Fabre Medicament		See AA
<i>AM</i>	BK	WO-01/03677	01-18-2001	R. P. Scherer Technologies, Inc.		
<i>AM</i>	BL	WO-03/035044	05-01-2003	Innogen AG		

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<i>AM</i>	CA	JP01-143827 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CB	JP05-43471 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CC	JP09-25228 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CD	JP2001-39863 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CE	JP2003-299714 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CF	JP2004-167084 - English Abstract (Micropatent) and partial English translation	
<i>AM</i>	CG	JP2005-112849 - partial English translation	
<i>AM</i>	CH	JP2005-508359 - partial English translation	

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EW	AA	2,802,000	8/6/1957	Caldwell et al.	
EW	AB	2,813,093	11/12/1957	Caldwell et al.	
EW	AC	2,825,727	3/4/1958	C. G. Caldwell	
EW	AD	2,876,217	3/3/1959	E. F. Paschall	
EW	AE	3,058,827	10/16/1962	J. L. Graham	
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EW	AH	3,329,509	7/4/1967	A. Julius	
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EW	AJ	3,499,962	3/10/1970	Warzburg et al.	
EW	AK	3,505,110	4/7/1970	Kesler et al.	
EW	AL	3,607,394	9/21/1971	F. J. Germino et al.	
EW	AM	3,865,603	2/11/1975	Szymanski et al.	
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EW	AO	4,026,986	5/31/1977	Christen et al.	
EW	AP	4,129,134	12/12/1978	Hind et al.	
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EW	AR	4,276,320	6/30/1981	A. Moirano	
EW	AS	4,600,439	7/15/1986	Schneider et al.	
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EW	AW	4,643,894	2/17/1987	S. C. Porter et al.	
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EW	ABE	5,224,989	7/6/1993	Eva Likarova	
EW	ABF	5,334,640	8/2/1994	Desai et al.	
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EW	ABH	5,451,673	9/19/1995	Fishman et al.	
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EW	ABK	5,525,368	6/11/1996	Rha et al.	
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EW	ABM	5,554,385	9/10/1996	N. Stroud	
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EW	ABP	5,646,206	7/8/1997	D. R. Coffin et al.	
EW	ABQ	5,656,294	8/12/1997	Friend et al.	
EW	ABR	5,672,699	9/30/1997	R. L. Billmers et al.	
EW	ABS	5,726,008	3/10/1998	J. E. Maskasky	

Examiner Signature	<i>[Signature]</i>	Date Considered	2/24/2006
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ABU	5,811,388	9/22/1998	Friend et al.
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ABW	5,932,639	8/3/1999	Eden et al.
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ABZ	6,063,915	5/16/2000	Hansen et al.
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ACB	6,143,324	11/7/2000	Michaud et al.
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ACD	6,210,709	4/3/2001	Laba et al.
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ACU	2005/0163833	7/28/2005	R. Muller

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BC	EP 0 408 503			1/16/1991	Warner-Lambert Company		
BD	EP 0 409 781			1/23/1991	Warner-Lambert Company		
BE	EP 0 409 782			1/23/1991	Warner-Lambert Company		
BF	EP 0 409 788			1/23/1991	Warner-Lambert Company		
BG	EP 0 471 558			2/19/1992	Unilever NV		
BH	EP 0 547 551			6/23/1993	National Search and Chemical Investment Holding Corporation		
BI	EP 0 606 486			7/20/1994	Teijin Limited		
BJ	EP 0 622 408			11/2/1994	CP Kelco ApS		
BK	EP 0 633 896			1/18/1995	National Search and Chemical Investment Holding Corporation		
BL	EP 0 761 691			3/12/1997	National Search and Chemical Investment Holding Corporation		

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	BM	JP 5-4914	1/14/1993	Asahi Chemical Ind, Fuji Capsule KK	
	BN	JP 7-196478	8/1/1995	Sugii Hajime	
	BO	WO 94/25493	11/10/1994	The United States of America	
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NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T <sup>2</sup>
W	CA	de Vries J., "Interaction of carrageenan with other ingredients in dairy dessert gels", Gums and stabilisers for the food industry 11: proceedings of the 11th conference, Wrexham, vol. 11 (2002), no. -, pages 201-210, July 2001			
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Examiner Signature	E. White			Date Considered	2/24/2006

Substitute for form 1449A/B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <i>(Use as many sheets as necessary)</i>				<b>Complete if Known</b>	
				Application Number	10/824793-Conf. #6666
				Filing Date	April 14, 2004
				First Named Inventor	James J. Modliszewski
				Art Unit	N/A
				Examiner Name	Not Yet Assigned
				Attorney Docket Number	10884-00018-US
Sheet	4	of	4		

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				First Named Inventor	James J. Modliszewski
				Art Unit	N/A
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Sheet	1	of	1	Attorney Docket Number	10884-00018-US

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Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
EW	AA*	US-2005/0089548	04-28-2005	Virgalitto et al.	

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		Country Code <sup>3</sup> -Number <sup>2</sup> -Kind Code <sup>5</sup> (if known)				

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Sheet	1	of	1	Attorney Docket Number	10884-00018-US
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Filing Date	April 14, 2004
First Named Inventor	James J. Modliszewski
Art Unit	N/A
Examiner Name	Not Yet Assigned

### U.S. PATENT DOCUMENTS

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<i>AA</i>	AA	US-20004/0180083	09-16-2004	Shiraishi	

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